



*Ted Wynne Engineering/Contractor, Inc.*

417 WELSHWOOD DRIVE • SUITE 114 • NASHVILLE, TN 37211

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March 10, 2000

Ms. Sharon Jordan  
Tennessee Valley Authority  
P.O. Box 1010  
Muscle Shoals, Alabama 35662-1010

Re: KFC (hole test)  
Cullman, Alabama

This office performed a test on a 300 feet deep, 6 inch diameter vertical bore, backfilled with native tailings, March 1, 2000. The following data was derived from test data:

Thermal Conductivity	2.1 BTU/HR-F
Ground Temperature	60.0 F

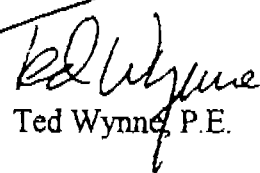
We feel that based on our observation of the terrain, the above is representative of the area where field bores will be located for this project.

The driller's log is attached for your information.

Please let us know if any additional information is needed.

Sincerely,

TED WYNNE ENGINEERING CONTRACTORS, INC.

  
Ted Wynne, P.E.

jdh



TVA/Jordan @  
EITUAFL

2237/60

## MILLER DRILLING COMPANY WELL LOG

WELL NAME TVA Loop DATE Feb 23-2000

LOCATION Cullman Ala KFC Store

DRILL PRICE 0-500 \$ \_\_\_\_\_ 500-1000 \$ \_\_\_\_\_ 1000-1500 \$ \_\_\_\_\_

COUNTY \_\_\_\_\_ MAP # \_\_\_\_\_ STATE LOG # D

ING TYPE \_\_\_\_\_ PR \_\_\_\_\_ ALT. \_\_\_\_\_ PR \_\_\_\_\_

START DRILLING 2-23-00 DRILLER David G. SALESMAN K.G.

COMPLETE DRILLING 2-23-00 RIG 375 WATER LEVEL \_\_\_\_\_

TOTAL DEPTH 300 DEPTH TO ROCK start in sandstone REAMED TO \_\_\_\_\_

CASING SET \_\_\_\_\_ TYPE & SIZE \_\_\_\_\_ PERF. FROM \_\_\_\_\_ TO \_\_\_\_\_

TOTAL YEILD 3 GPM WATER ZONES 225-226 WATER ZONES \_\_\_\_\_

BOTTOM HOLE DIA. \_\_\_\_\_ ROCK BIT TYPE \_\_\_\_\_ WATER QUAL. \_\_\_\_\_

DEPTH	FORMATION
0 - 50	GRAY-TAN-Red sandstone.
50 - 225	Med GRAY limestone (Soft)
225-226	Broken - 3-GPM
226-275	Med GRAY limestone (Soft)
275-300	Light GRAY limestone.